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FIGURES

FIG. 1a

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-2433                                CCTCATGGAGTATTGTCATAACTGTCTTCAGTA
-2400 TGAATGAATCATACAATAGAACGGCAGCGAAGAAATAGACTTCGGCTGAACTAGACNTAOSACAACATAGCCACCATAAGG
-2320 GAAAGGCACCTTCAGGCTCTTTATCCCBTAGGCTGCCAACACATAACBACATAACBACCACTGGGCAAGGGCATTTCAGCG
-2240 CACCCGTGGGTCAATCAAGGTCCCTCCTCACTCAGCTTTAGAACTAAGGGTTTGAAMAGATGATCTTTCTTCAGTTTTTC
-2160 TTACACGAATAACATTCACCTTTGGACACATTTACAAATTGAGTCCAACTTAACCGGGTACTTTCATTAGCCCTGAGGG
-2080 ATTTTAAAAAAAACCTTTCAGTCCCGGAGGCTCTTCAAAACATCTTTTCTCATTATCAAGTGAGGCATTTTCTCAAAAAG
-2000 TAAGGTTTGGACAACTTTATATCAAAATAGCATAAGTTTTTCACGTAAGTTTCATAACATTTACTTGGCATCTCAACA
-1920 CTTCGCTTTAAACAACTCTAGGATAATCTTAGATATTCTTCATACTCAAGTCTCAGACTTGAATCANTCAAGACTCTTAG
-1840 ACTAACCAATTCCTGATATACCTGATAATATCATCTCTACTTAAACTAGAGAGATTTGCAACTCTCAATTAATCACCAAA
-1760 GGTAACTCTCCAAATATCCAAATGGAGGGTTTCAACTTCCAACTAAATACCAACCAACCGGACTAATCATAATCATATT
-1680 CATAATCATAAATTTGTTTCTAAGTGGCCCTGTCCAGAAATTTACAGTTTTGGGCACTCCGAAAGATTBAGCGGTAACCAAT
-1600 AGTTCCCGAAGCTCTTTTTCAGTTGAATTTTTATGGTAGAACCTAACTTATAGTACTTGATATCCATAAAAAGTTTTGG
-1520 TCACTAGGTTTACGAATTAACACAGAAATTTACATCTTTGGCCTTGGCAGTGGGCTGTCCGGAATCTGTCTCTCTGGA
-1440 CCAGTTTTGGCAAGCAATTTTGAAGCAGACTTATACTACTCCAAAAATTATGAAATTTTTATGGTAGGTTCTACAGTTA
-1360 TAGAAGTACATGTATAAAAAATATTGGGTCAAAATACCTTAACGATTTTTTCCAAATATTCAOAGGACTTACTGCCAGAA
-1280 TGTACCCCTGCTTTTTCTTTTCACTATTTTCACAACTATAAGCATATATGGGCATAAATATGACATGAAATGCAATGAACC
-1200 AATGCAAGGCTGAAAGTAAGATTGAATATACTGATACTACAAATTAAGTAATGATAAAGTATAACTTTTTGTAATAATTTGA
-1120 TTTTTTTTTTTCATGAATTCATATACTCCAAAGATTTTCTGATTTAATTAAATTTCTATCCTCATGTTGAAGCCATTAA
-1040 TCGAATAATTGACATATTAGATAAACTTAGCCATCATATGACATTTGATCATGATTGATGATTTTTTAAAAAATAAAACA
-960 AAAATTATGAAGGGTAATGAATATTTTTAAAAAAATTATGTAAACCTGTATATCTAGTAATCTGTACAAATAATATTTTG
-880 TTTCAACTAAGAGGATGTTGGCAAAAGTAAATTAACCTTGTGATCTTCGTACAATAATTATGCTTACCGACTCAACTA
-800 GTGACATCTTTCCAGGCAAAATTTACTTTTCTATGAATATGAGAAGTTCCATCTATGSAATAAAGGATTATTTATCTAA
-720 TTTTCAAAATCTATATATATAGTCTCGAGTGGAAACAAAATAGAACTAATTTGAAACAAATCAAAATCTAAGAAANTAATA
-640 CATGCTTTAGCAGCAAAAAATAAGAAATGGTACTATACTTAATCCTCATCATAGTCTTCAACCGTGCATATAGCAGACTTAA
-560 CATTTTATATTCAAATATAGTTTAATTTAGTCATGATAATACAACTCACCTACTCCATTATAGCCGATAATAGAACTCAC
-480 CTAGCTACTOCATTATAGTCCAACAATATCAAAATGAATAAATAGTAATGGTGAC77AAAGGGCTGAATCCAACATATAT
-400 TCTGACATTTAAAAATGCTAACGTACGGTTAGATTAGTATAATGAAATAAAGTAAATCATCTCTATATTTGATGATGGT
-320 AATTAGTATCATGGTAAGGTGTTTTATCGTGGCAGCATGAGTGCATGACAAACGCATATATTATTATTAAAGAAAAATAG
-240 TACTCCAAATCATAATAAATATCTTATATTATATTTCCCAACAAATTAATAATTCAAATTAGAACAAATTAATCTCAGTTT
-160 GCYTTATTTATATTATTCACAACAATAAATTTAATACTGATCGAAGAAGCTTTCCCTTTCAAGTTCTCTATTTAAGGAG
-80 CCTGAGAAAGCCATTAACTCATCATCAGCTCGACCACTCAATTTCTTCTTCATCTTCTTTGCTGTGATATCATCATC

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FIG. 1b

ATGGCTTCTCTTTGTCACTCGGCTCAGGCTGGGCTTAGCTTCATCCGCTAGCCCTAGCTGGCTTCTCCATTTACCAGAA 80
 M A S F V T R L S L A L S F I A L A L A G F S I Y Q N
 TAGCCATACAGCCATGAAAGGACAGCTTAAGCTCACCCGAAAGTGGCTGGTAGACAACACTCTAGAGTGGTCACTGGGCG 160
 T H T A M K G Q L K E T P K W L L D N T L E S S V A
 ACGTGGTCTCACTAGGCTAGGCACTCTGCTCCGGCAAGGTTTCCGACGAAGACTGCATATTCTCCGCGGTTAAGGAAGTG 240
 D V L S L R L G I S S G K L S D E D C I F S A V K E V
 GTGGAACCGCGGATTGATCCAGAAACCGCATGGGTGGTTCCTTCATTGCGCTCTTCTTCCATGACTGGTCTTGTGATGT 320
 V D A A I D A E T R M Q A S L I R L F F H D C F V D
 ACGTACGCTAATTTTGTACGATGATGTTTTTTTTTTTTTTTTTTTTTCCACGCGATTATATTAGGAAATTAACAGAA 400
 TTGAAATGTGTGTTATTAAATGTAATTATCTGAGGGTTGTGACGCGAGGTCTTCTACTAAACGATACACCTACTTTGACCG 480
 G C D A G L L L N D T P T F T G
 ACAACAGACCGCGCGCGCAATAAATACTCAGTCAGAGGTTTTGAGGTGATAGAACAAGCTAAAGAGAATGTGATAACCA 560
 E Q T A G G N N N S V T G F E V I Q Q A K E N V I T K
 AATGTCCCTACATACAAGTATCTTGTGCCGACATCTTATCCATTGCTGCCCGTGATTCTTTCCAGAGAGTAAGTCCATTT 640
 C P Y I Q V S C A D I L S I A A R D S F Q R
 ATTTCTAAAGGTTGAAATTAATAAGAACAGAAATCCAAACAATAACAGACAGTAAAAAAAAGATTATGTGGTTTGA 720
 CAATATGTTGAATTTGTTTTTATATTTAATGACTAGTATTTATGCATTATATTTATATGCAACTCTAAACATGCACTTA 800
 F
 CTGGAGAAACGTACACCGTGACTCTGGGAAGACTCGATGCAGAACCGCGAAGCTTACCGGAGCTAACACCCAACTGGTC 880
 T G E T Y T V T L Q R L D A R T A N L T G A N T Q L V
 GGAACAAACGAGGAATTTGGCATCGCAAGTCCAGAAATTTGGCGCGAAGGGTTCTCCGAAACGAGCTAGTGGCTTGT 960
 G P N E E L A S Q V E K F A A K Q F S E T E L V A L L
 AGGTGTTCAACGCTTGGGTTTTGAGATGTCCGCTTTTATGCGTTGCCATTTTCATGAATCCGCGCGCGCGCTCCAGGC 1040
 G V H T V G F S R C P L L G V P I F I N P A R A S T
 TGCAATGCAACTGTCCCGTGAGTCCCGACGACCGGGCTGGTGGGCGCTGGACCCGACTCCGTTGACGTGGGACCAAGT 1120
 L Q C N C P V S P D D T G L V G L D P T P L T W D Q S
 TTTTACTCCGAAGTGGCTAACGGACAGGGCTTCTGTTCTCCGACAGAGCTGATGAATAGCAACACCACCAGCGCGGC 1200
 F Y S D V A N G Q G L L F S D N E L M N S N T T S A A
 CGTTAGGAGGTACAGGGACGAGATGGACGGTTTTCTCCCGGATTTCCCGCGCGCATGGTGAAGATGAGCTGCTGCGCG 1280
 V R R Y R D E M D A F L A D F A A A M V K M S L L P
 CGTCCCGCGAGTGGAGCTGGAATCCGAGAGGTTTGCAGCGAGGTGAATGCGAACACAGTTCATCCATGAGAGTTG 1360
 P S P G V E L E I R E V C S E V N A N T V A S H
 TTCCCATGACATCAATAAGCTCTGTGATTTCTGTGAAGTTTACTCGGAGTGTGAAGAATTTTCACTTTCTGTTGTTTC 1440
 TGAAATAAAAAAGATTTTTTTTTTATGTCTTAACAAAACCTGTATTACTGAATAAAATTTATAAATTGTGA 1512

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FIG. 2

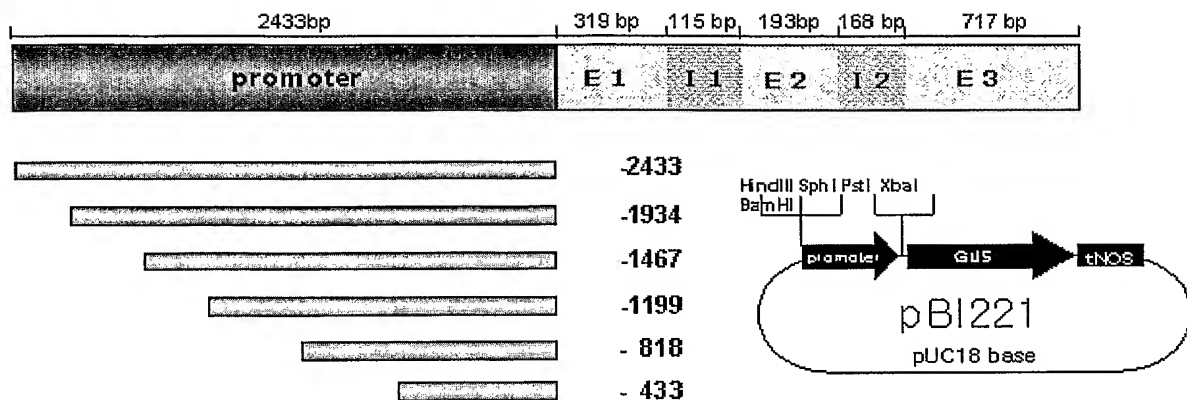


FIG. 3a

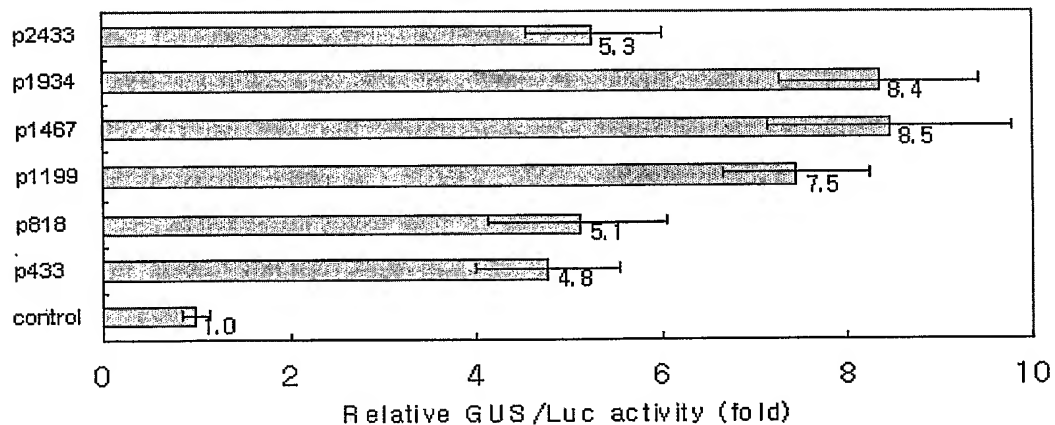


FIG. 3b

